

# **SCHOTTKY DIODE USING CHARGE BALANCE STRUCTURE**

## **ABSTRACT OF THE DISCLOSURE**

[0072] In accordance with an embodiment of the invention, a Schottky diode includes a metal layer in contact with a semiconductor region to form a Schottky barrier therebetween.

- 5 A first trench extends in the semiconductor region. The first trench includes at least one electrode or diode therein.

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